



Elevating Performance with Nex-Gen

Polymer Modifier Solutions

Additives & Additive Masterbatches play significant role in enhancing properties of plastics. Nexapol is specialized in providing additive solutions to wide range of industries that include:



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Plastics Recycling

Today Plastics Recycling is the most demanding subject due to environment concerns. There is significant increase in recycling activity globally & value addition during recycling is one of the critical step to achieve the desired quality.

01

Nexapol Offers Wide Range of Additives for Recycling

- Anti-Split additive for PET Strap
- IV Enhancers/Chain Extenders for PET & Nylons
- Impact Modifiers for PP, PBT, PET, PC, Nylon, PPE etc
- Slip/Anti-block agents for films
- Compatibilizers for PE/PP, PE/Nylon, PP/Nylon, PET/PP, PET/PE and mixed plastic waste
- Anti-Yellow Masterbatches for PET
- Anti - Scratch/Glass Masterbatches for ABS, PC
- Odor Reduction Masterbatches
- Process Aids for PE, PP, PC, PET, Nylons



02

Footwear Industry is globally moving towards light weight and high performance EVA based soles both for sports and daily use. Light weight, Lower compression set, Higher Resilience and Lower abrasion resistance etc are the needs from all brands.

Nexapol developed and commercialized one of the best Anti-Abrasion additive for EVA based footwear which is used by most of the international brands in India.

- Nexa Evax Anti Abrasion Silicone Masterbatch
- Super soft TPE for footwear sole



03

Single Use Plastics Ban and increase of mandatory thickness of plastic bags made way to the growth of Bio Plastics in India. Bio plastics have several limitations in processing and recycling.

- Chain extenders for recycling
- Slip agent for easy opening
- Compatibilizer for PLA/PBAT



Automotive Industry

Nexapol offers Silicone Masterbatch for Anti-Scratch of PP interior in the vehicles.

- Anti Scratch Silicone Masterbatch
- PP Glass Filled Compounds
- Nylon Glass Filled Compounds
- PC/ABS, PC/PBT Compounds
- Odor Reduction Masterbatches
- Process Aids for PE, PP, PC, PET, Nylons

Nexa PP50 Silicone MB is widely approved in Indian Auto Industry. In addition Nexapol offers several customized engineering compounds for Auto Industry.

04



Plastic Packaging

Nexapol developed Easy Peel for Seal & Peel lidding foil applications with food grade approvals. Easy peel is one of the necessary for several food packaging like Jam, Butter, Jelly, Yoghurt, and Several Daily use food packaging.

- JUSPEEL easy peel solution for packaging
- Tie Layer Resins
- Non-Migratory Silicone Slip Agents

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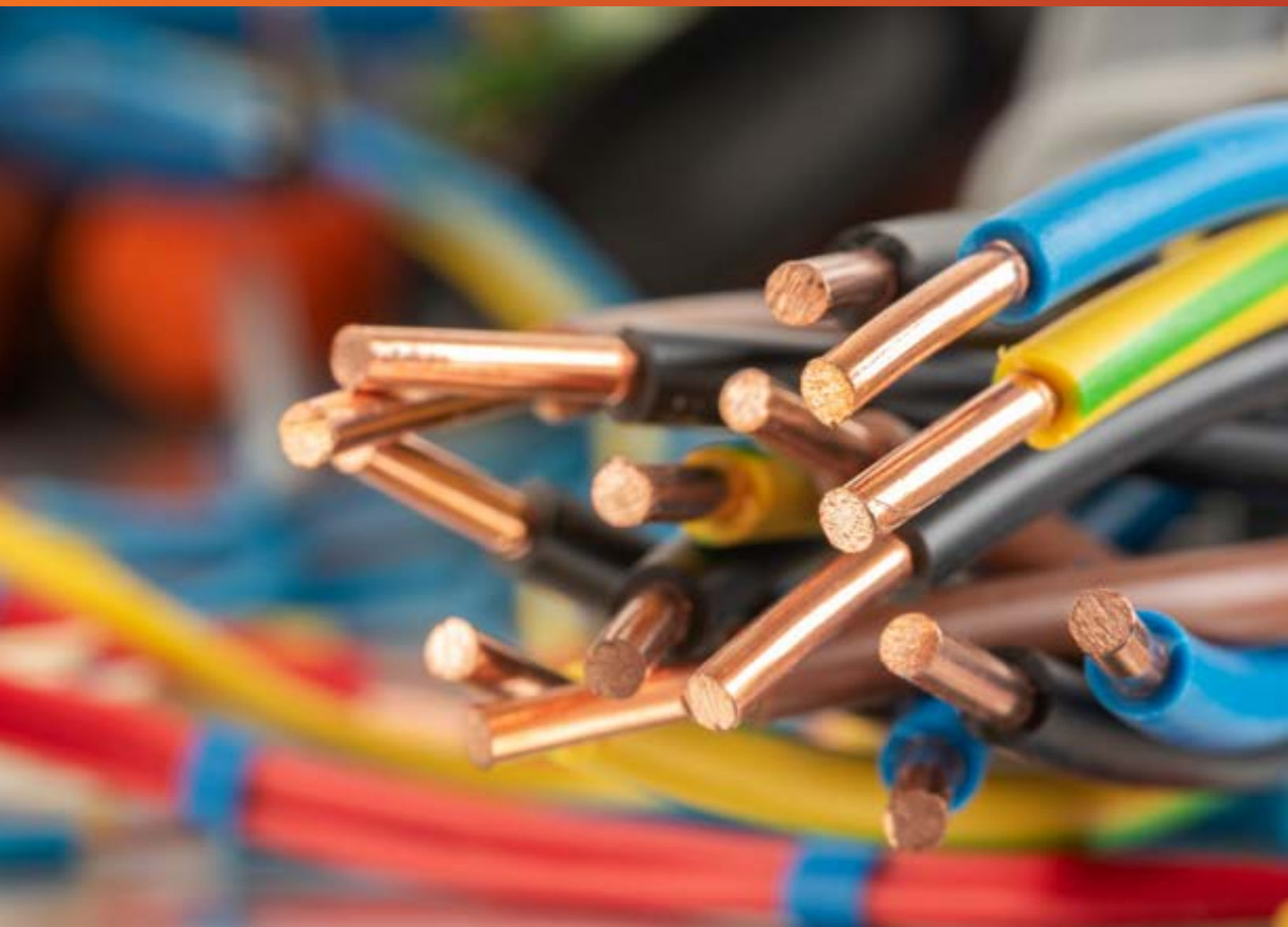
06

Wire & Cable, Electrical & OFC

Wire & Cable compounds demand high temp process aids, coupling agents with consistency, Heat Stabilizers and Anti Oxidants etc.

Nexapol Offers Specialized Additive Solutions

- Silicone Masterbatches as Process Aids for HFFR cable compounds
- High temperature anti-oxidants for HFFR
- High temperature Jacketing Compounds
- EAA coating for FRP rods in OFC(Optical Fibre Cable)
- Liquid, Water based swellable coatings
- Water swellable TPEs
- Coupling agent for HFFR cables



Custom Compound Solution

Nexapol develops custom compounds as per the customer application demand.

- FR compounds for EV
- PP FR, PBT FR and Nylon FR compounds
- Nylon based cable compounds for high abrasion resistant jacketing
- Impact modifier in the form of masterbatches for using direct in Moulding process

07



Infrastructure

Nexapol has its manufacturing facility in Hyderabad.

- Twin screw extruders
- Kneaders
- Lab scale extruder
- Full fledged laboratory for testing
- Qualified and Skilled man power

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*Shaping the Future with
Next-Gen Performance Polymers..*

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